

# **PUBLIC NOTICE**

**PERMIT APPLICATION: NRS 08.113**

**APPLICANT:** Matthew Baltz  
Halo Properties  
700 Johnny Cash Parkway  
Hendersonville, TN 37075  
615-822-3509

**LOCATION:** Tributary of Old Hickory Lake  
Sumner County, Tennessee  
N 36.3283, W -86.5633

**WATERSHED DESCRIPTION:** The project is located south of Vietnam Veterans Parkway at the Saundersville Road exit which is within the Old Hickory Reservoir watershed (HUC# 5130201). The Old Hickory watershed is located in Northern Middle Tennessee and includes parts of Davidson, Macon, Robertson, Smith, Sumner, Trousdale, and Wilson Counties.

Stream #1 enters the property from an existing (54") pipe crossing under Saundersville Road and travels in an easterly direction for approximately 1550 linear feet before draining into stream #3. Currently the top of bank channel width ranges from 2.5 to 6.5 feet, the depth ranges from approximately 1 foot to several inches. The substrate is predominantly bedrock with several areas of cobble and gravel. Stream #2 enters the property from the north at the outfall of an existing (42") pipe under an off-ramp of Vietnam Veterans Parkway, the stream travels south for approximately 340 linear feet before discharging into stream #1. Stream #3, which is the main channel, enters the property from a (8' x 6') box culvert crossing under Vietnam Veterans Parkway. A major portion of flow from this stream has been captured by an existing sanitary sewer line.

**For more information please visit:**

<http://www.state.tn.us/environment/wpc/ppo/arap>.

**PROJECT DESCRIPTION:** Applicant proposes to relocate/eliminate 1,890 linear feet of stream for construction of a roadway re-alignment. Additionally two palustrine emergent wetlands totaling 0.39 acres will be filled; wetland impacts will be mitigated by purchase of credits from the Harpeth Valley Mitigation Bank at a 4:1 ratio.

Approximately 1550 linear feet of stream #1 will be relocated into an 855 linear foot channel; approximately 340' stream #2 will be eliminated and flow will be directed into the relocated channel. Total loss of stream length will be 1035 linear feet.

Proposed stream mitigation will involve establishing a (30' average width) riparian buffer along the 855 foot relocated channel, creation of a vegetated buffer along approximately 200' of stream #3, addition of in-stream habitat within relocated channel, restoring flow to stream #3 located on site, and payment into the Tennessee Stream Mitigation Program (TSMP).

An existing sanitary sewer cut across stream #3 is allowing water to be diverted underground following along the sewer line. Mitigation will involve exposing the existing sewer line and encasing it in flowable fill to prevent water from escaping the channel, flow will be restored to

1000 linear feet of channel. Remaining mitigation will be accomplished by payment into the TSMP.

Post project monitoring will be required; annual monitoring reports will be submitted for 5 years from project completion.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity may result in degradation to water quality.

**USGS TOPOGRAPHIC QUADRANGLE:** Hendersonville

**PERMIT COORDINATOR:** Benjamin Brown

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation  
Division of Water Pollution Control, Natural Resources Section  
7th Floor L & C Annex  
401 Church Street  
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

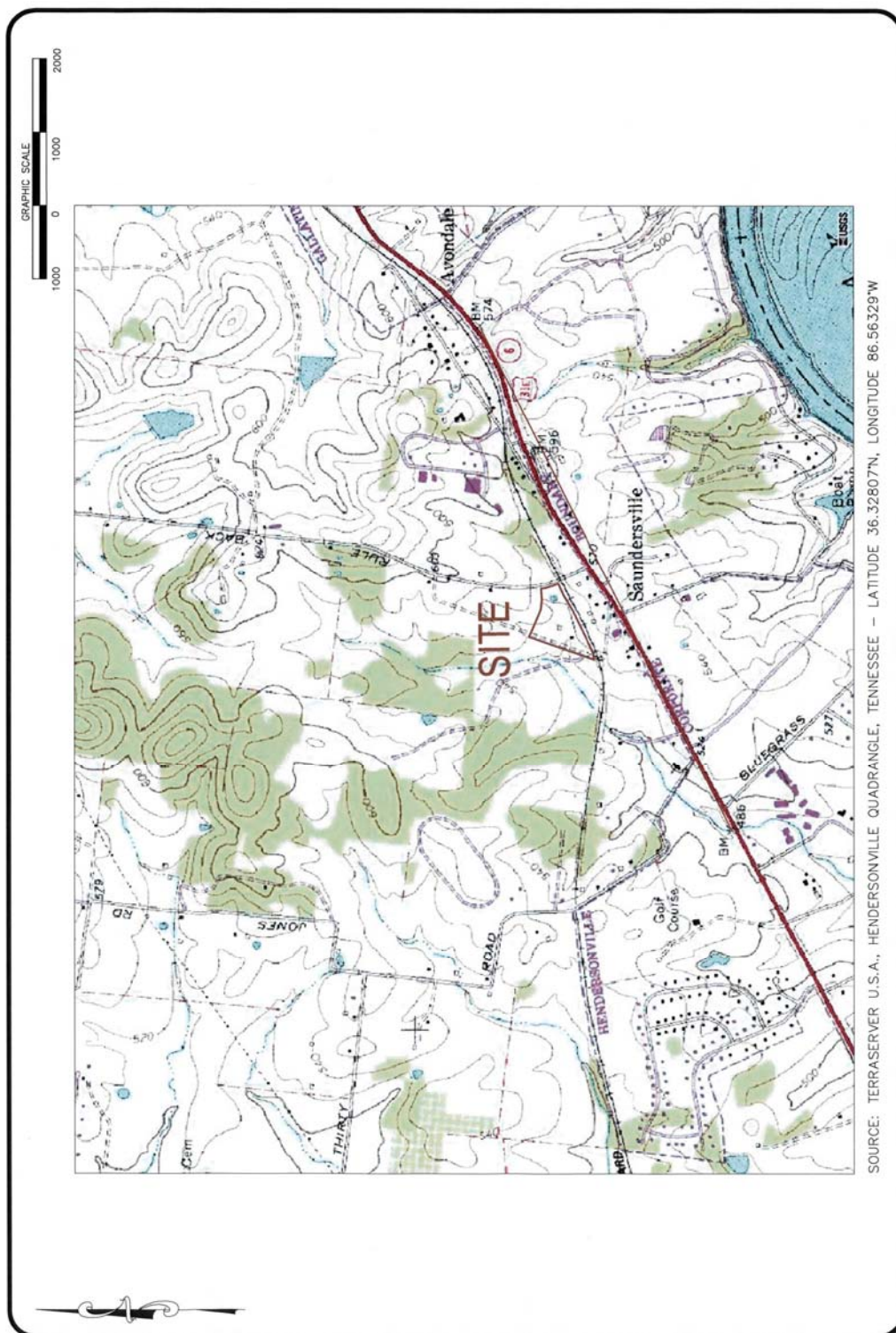


Image 1: Map of project location

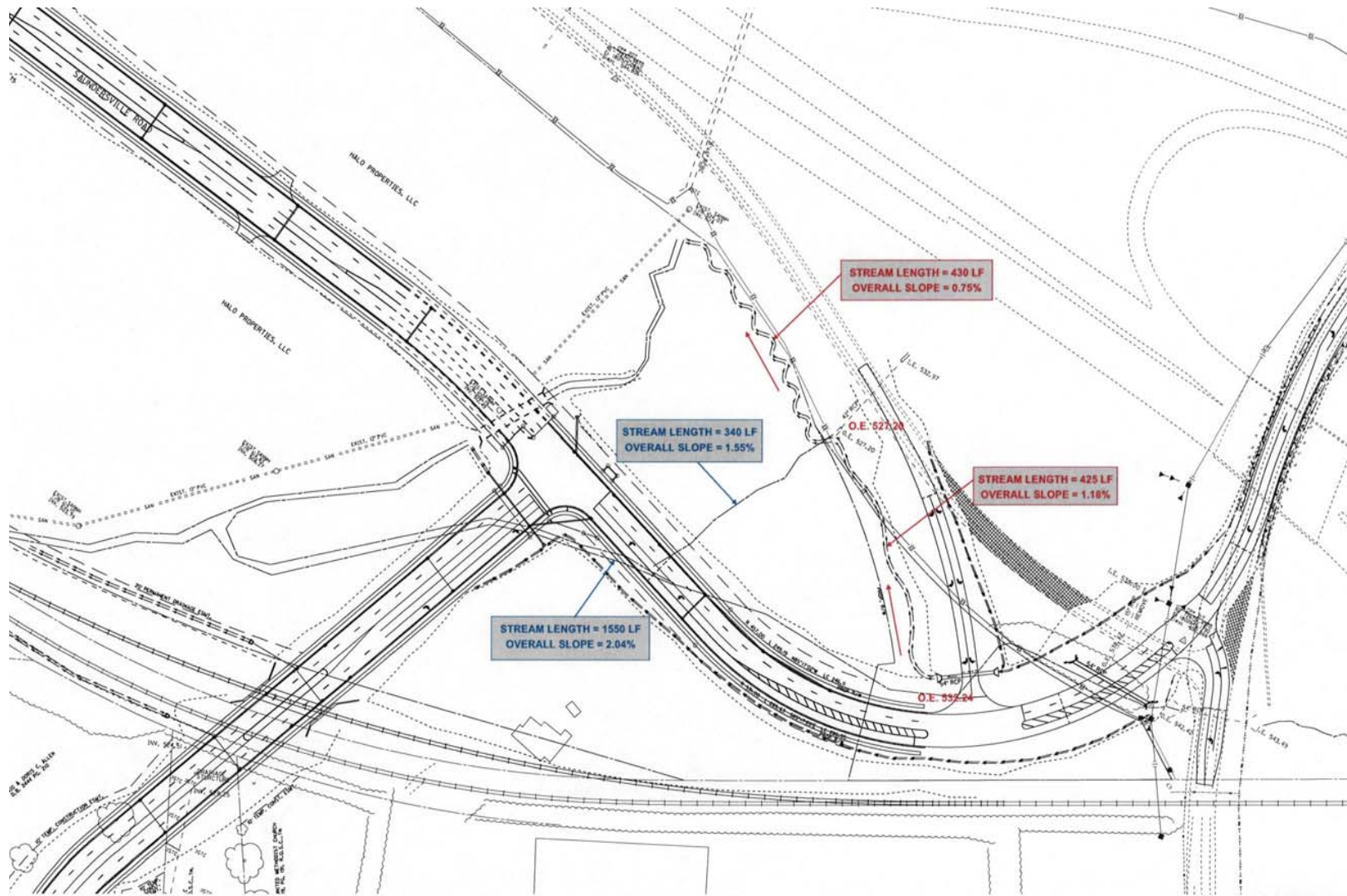


Image 2: Existing streams and proposed alterations.

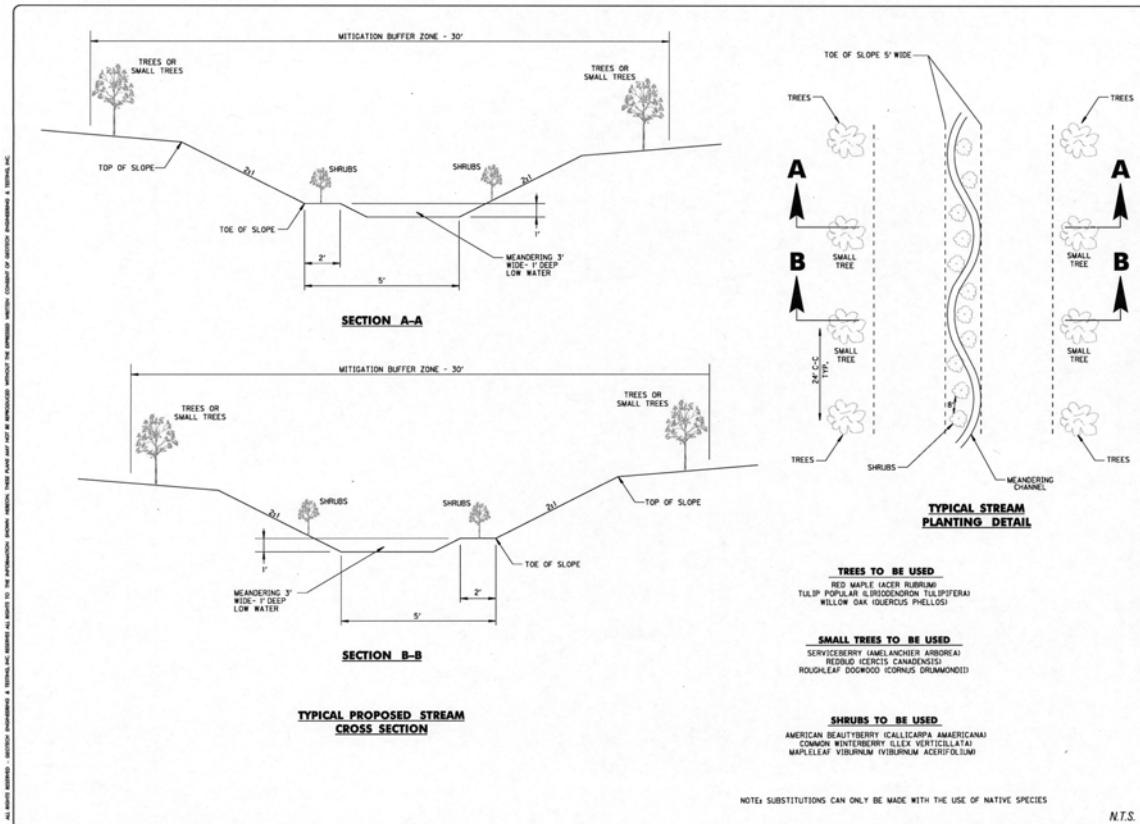


Image 3: Relocated channel cross sections and plan view.



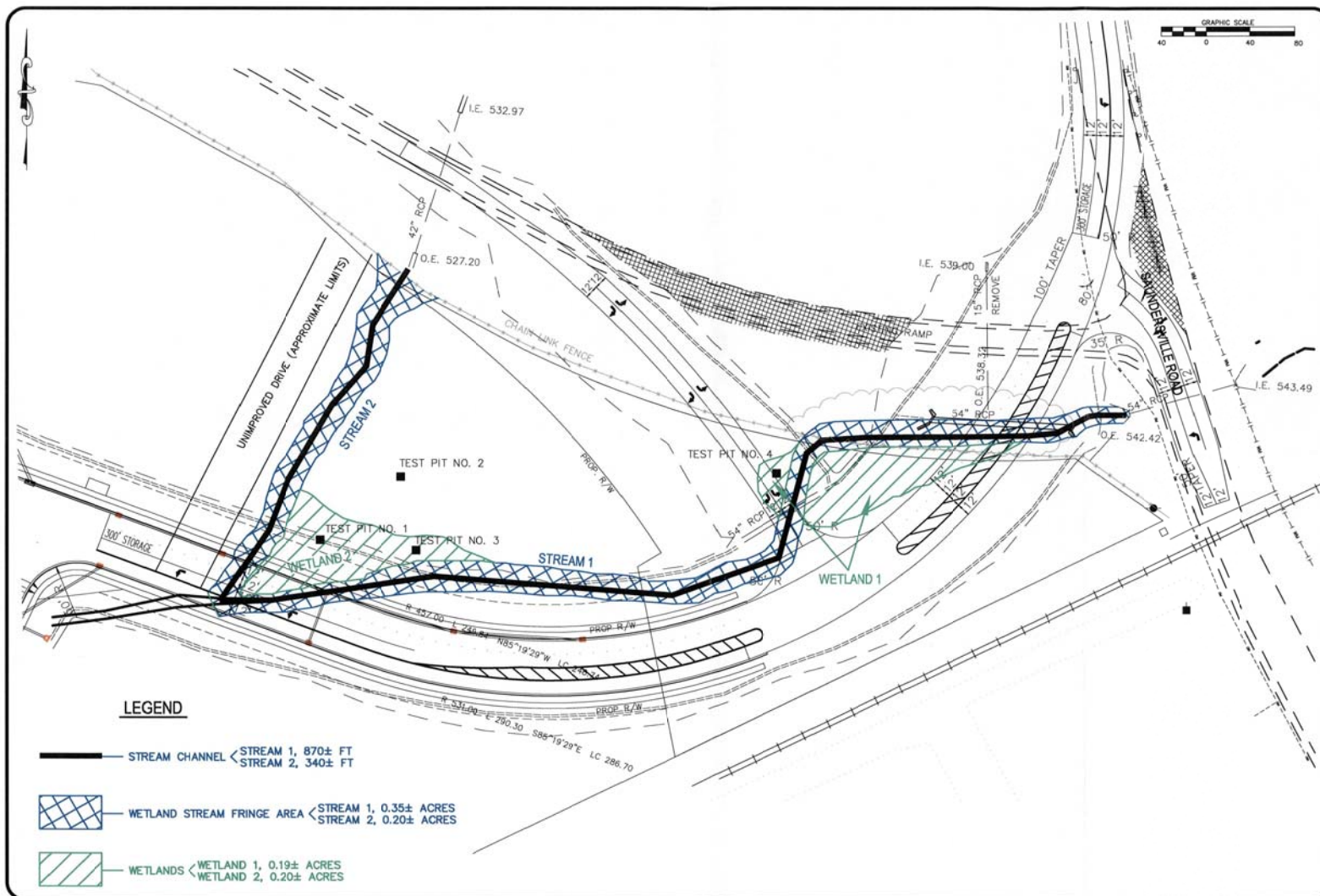


Image 4: Plan view of wetland areas to be impacted and proposed alterations.



Image 5: Broad view of site facing north.



Image 6: Downstream view of channel to be relocated.



Image 7: Upstream view of channel to be relocated.